Application No. <u>09/914,596</u>

Amendment dated September 22, 2003

Page 2

Amendments to the Specification:

At page 2, please replace the paragraph beginning on line 14 with the following amended paragraph:

According to the present invention, there is provided a process for the preparation of a compound of formula (1):



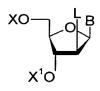
wherein:

X, and X' X^1 are each independently H or a protecting group;

B is a base; and

R is an alkyl, alkoxyalkyl, alkenyl, or alkynyl group, each of which may be optionally substituted;

which comprises reacting a compound of formula (2):



wherein

L is a leaving group; and

B, X and $X' X^1$ are as defined above

with a compound of formula Al(OR)₃ wherein R is as defined above, under substantially anhydrous conditions.

At page 3, please replace the paragraph beginning on line 4 with the following amended paragraph:

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Examples of protecting groups which can be represented by X and $\frac{X^2}{X^1}$ include acid labile protecting groups, particularly trityl and substituted trityl groups such as dimethoxytrityl and 9-phenylxanthen-9-yl groups; acid-labile acetal protecting groups, particularly 1-(2-fluorophenyl)-4-methoxypiperidine-4-yl (Fpmp); and base labile-protecting groups such as acyl groups, commonly comprising up to 16 carbon atoms, such as ethanoyl

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groups or fatty alkanoyl groups, including particularly linear or branched C_{6-16} alkanoyl groups, such as lauroyl groups; benzoyl and substituted benzoyl groups, such as alkyl, commonly C_{1-4} alkyl-, and halo, commonly chloro or fluoro, substituted benzoyl groups.--

At page 3, please replace the paragraph beginning on line 28 with the following amended paragraph:

In addition to the presence of protecting groups X and $\frac{X^2}{X^1}$, bases employed in present invention may also be protected where necessary by suitable protecting groups. Protecting groups employed are those known in the art for protecting such bases. For example, A and/or C can be protected by benzoyl, including substituted benzoyl, for example alkyl- or alkoxy-, often C_{1-4} alkyl- or C_{1-4} alkoxy-, benzoyl; pivaloyl; and amidine, particularly dialkylaminomethylene, preferably di(C_{1-4} -alkyl) aminomethylene such as dimethyl or dibutyl aminomethylene. G may be protected by a phenyl group, including substituted phenyl, for example 2,5-dichlorophenyl and also by an isobutyryl group. T and U generally are not protected, but in certain embodiments they may advantageously be protected, for example at O4 by a phenyl group, including substituted phenyl, for example 2,4-dimethylphenyl or at N3 by a pivaloyloxymethyl, benzoyl, alkyl or alkoxy substituted benzoyl, such as C_{1-4} alkyl- or C_{1-4} alkoxybenzoyl.

At page 4, please replace the paragraph beginning on line 1 with the following amended paragraph:

In certain embodiments, X and X' X^1 comprise a single protecting group which protects both the 3' and 5' positions. Examples of such groups include disiloxanes, especially tetraalkyldisiloxanes, such as tetraisopropyldisiloxane.

 \mathcal{B}^3

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Page 4

At page 4, please replace the paragraph beginning on line 12 with the following amended paragraph:

Accordingly, a second aspect of the present invention provides a process for the preparation of a compound of formula (3):

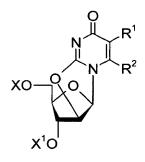
$$\begin{array}{c|c}
R^1 & O \\
N & O \\
XO & O \\
X^1O & OR
\end{array}$$

wherein:

X and $X' \underline{X}^{1}$ are as defined above;

R¹ and R² are each independently H, alkyl, alkenyl, alkynyl, or halogen; and R is an alkyl, alkoxyalkyl, alkenyl, or alkynyl group, each of which may be optionally substituted;

which comprises the reaction of a compound of formula (4)



wherein

 $X, X' X', R^1$ and R^2 are as defined above;

with a compound of formula Al(OR)₃ wherein R is as defined above, under substantially anhydrous conditions.

